

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORTREPORT CD NO.

COUNTRY

Czechoslovakia

DATE DISTR 2 August 1948

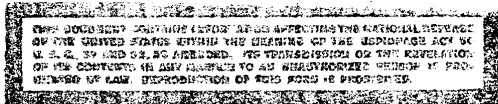
SUBJECT

Tesla Roznov, National Enterprise Roznov
pod Radhostem

NO. OF PAGES 7

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ACQUIREDNO. OF ENCLS.
(LISTED BELOW)DATE OF
INFO.SUPPLEMENT TO
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. The Tesla Roznov factory is located two kilometers south-west of Roznov pod Radhostem and 13 kilometers east of Velasske Mezirici. Construction of this factory was begun in 1947 for Elite-Kunert, manufacturers of silk. In late 1947 the factory was nationalized, and in spring 1948 production of electronic tubes began under Tesla management.
2. The Tesla Roznov factory manufactures the following types of electronic tubes: five-, seven- and nine-prong tubes, glass envelopes, bakelite-base tubes (no metal envelopes) in normal and small sizes; the above tubes are diodes, triodes, and pentodes. Large tubes are being made for broadcasting stations and also cathode ray tubes with 15-centimeter screens and 30-centimeter screens for use in oscilloscopes, the television industry, and probably in radar. No new design of tubes is being manufactured in Roznov; most of the manufactured tubes are copies of American Minc Company tubes, Swedish Philips Company tubes, and also some German tubes. Some drawings of tubes were the originals obtained by the Czech government after liquidation of the Philips factory in Czechoslovakia. The electronic tubes which are being copied from original tubes are first tested for their operational characteristics, taken apart, analyzed for materials used, measuring of components (elements) and finally reproduced on drawings as copies. Since no designation markings are used on drawings, the Czech numbering or lettering (6SJ7GT and the like) they receive once they go into production is not known. A glass miniature tube supposedly of Russian or Hungarian origin is presumably being made for Russia. This tube is a glass miniature, with the base of it pressed into the shape of a four-cornered star (rounded points), from which star the wire leads from elements are protruding.
3. Raw material is delivered by three trucks garaged at the factory; the raw material may be delivered by train to a railway station which is half a mile east, and from there by trucks to the factory. The same applies to shipment of produced tubes.

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4. The glass envelopes are shipped from a factory known as Kavalir, located somewhere in the Sumava region in Bohemia² and also from an unknown factory in Slovakia. The delivered envelopes are a pressed glass. The production of tubes is limited by the shortage of tungsten (supposedly imported) used for heater (filament) elements, and also an enormous rejection of finished tubes. The normal rejection amounts to 50 percent of production, but it is believed to be much higher, since in production of the L-6 tube as much as 90 percent of produced tubes are rejected on the final test. The short time allowed production workers for performing their work is the main cause of the high rejection rate. Only 60 percent of planned production was accomplished for the year 1952.
5. Tesla Roznov operates three shifts; the morning shift begins at 0605 hours and employs 1500 people of whom 70 percent are women of different age groups. Employees live in either factory-provided housing located north of the factory or commute by train from the west and by bus or on foot from the east. The rail transportation consists of a one-track, standard-gauge railroad which also serves for shipping out lumber, as this is also a lumber area. The number of daily trains to Roznov is not known; the rails do not continue beyond Roznov.
6. The estimated area covered by the factory is 300 by 500 meters, fenced by either cyclone fence or steel rods, with the main gate located on the north side of the factory and a small gate on the southeast side. The factory employs civilian guards dressed in dark blue uniforms, military style. The estimated total guard system consists of 20 guards of whom four are stationed at the main gate and one at the southeast gate.
7. Upon being accepted by the employment office (Building #1), the personal history statement with picture of individual and approval of employment office is forwarded to the security office located within the factory (Building #17). Upon clearance by the security office, the employee is issued an entry pass which is of white cardboard (3 $\frac{1}{2}$ by 2 $\frac{1}{2}$ inches) with individual's picture, department number of individual, number of the pass, name of the individual, signature of the individual and of the security officer, and includes a Tesla factory trade-mark. The individual also must sign a printed statement that anything he or she may see or do is secret, and disclosure would be considered espionage, treason, etc. The individual is then allowed to proceed to his place of employment where he receives a "lunch pass". This is the same size as the regular pass, but in different colors, depending on department of employment, and indicates in print at what time the individual is allowed to go for lunch outside the factory. The lunch pass is given to employees by their supervisors and both passes stay in possession of the individual.
8. The Tesla Roznov factory consists mainly of two large buildings, one being five floors high, the other four floors high (Buildings #17 and #18); both are 15 by 100 meters in size. The third building has been in construction since September 1953 and is believed to be of the same size. (Building #16). The above two buildings are of steel-concrete construction and are used for offices and production of electronic tubes.
9. Electric power is not produced in the factory, but is either from Prerov or Vsetin, Moravia. The factory itself has a coal-operated boiler building (Building #13) supplying the factory with steam for heating and hot water.

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10. The following are names of people responsible for administration and production at the Tesla Roznov factory:

General manager - Karel Vancl
Acting chief engineer - Matejka (fnu)
Head designer - Josef Hezlar
Production manager - Matejka (fnu)
Finance manager - Peters or Petrs (fnu)
Security officer - Wilhelm Poyman
Manager, payroll department - Jan Fejgl
Employment manager - Furch (fnu)
Czech Army representative - Zdenek Stepanek, 1st Lt. (nadporucik)
Designer/detailer - Ladislav Fajkus
Manager, tool-layout - Frantisek Karnik

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Edena Janikova; secretary to Poyman.

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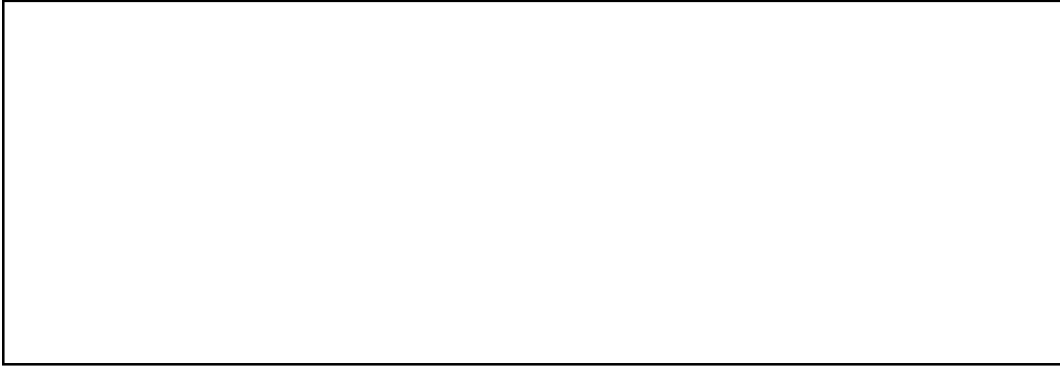
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1.  Comment: A plant known as the Kavalier Glass Works (Sklařny Kavalier), National Enterprise, is located in Sazava nad Sazavou. Nothing is known of a plant by this name in the Sumava region.

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Legend: Tesla factory in Roznov pod Radhostem in Moravia:

1. Bachelor apartments for single men and women, employment office, also serves as storage of electronic tubes for civilian use. Storage located in north section of the building on the main floor. Building is five floors high, steel-concrete and brick construction.
2. Maintenance building for painters and carpenters. One story, brick building.
3. Bachelor apartments for men. One floor, wood construction.
4. Kindergarten building. One story, brick construction.
5. Apartment house for married couples. 60 by 10 meters, three floors, brick.
6. Same as Building #5.
7. Same as Building #5.
- 8A. Guard house; part of the garage building. One floor, steel-concrete.
- 8B. Garage for three trucks and two passenger cars. One floor, steel-concrete.
9. Packing of electronic tubes. One floor, wood building.
10. Storage of raw materials and also gasoline for factory-owned trucks. One floor, corrugated steel.
11. Refuse and spoilage building. Wooden construction, one floor.
12. Construction begun in May 1953. One floor, steel-concrete. Purpose not known.
13. Steam and hot-water plant. Coal operated. One floor, brick building.
14. Shanty of the construction company erecting Building #16. Wood.
15. For gas or air supply. Steel-concrete, one floor.
16. Construction of this building began in September 1953. Area covered is 15 by 100 meters. Purpose not known. Concrete foundation.
17. Production building. Also houses the security office, technical library, maintenance, electrical and mechanical. Five floors, steel-concrete, covering an area of 15 by 100 meters. Steel roofs.
18. Production building and also administrative offices. Four floors, steel-concrete construction, sheet-metal roof, covering an area of 15 by 100 meters.
19. Wooden shed.
20. Construction office for the new building. Wood.
21. Guard booth for one man. Brick construction.
22. Railroad station. One floor, brick construction.
23. Railroad cargo station, one floor, concrete construction.
24. Sport stadium.
25. Railway line, single track, standard gauge.

ILLEGIB

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Not to scale

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Tesla factory in Roznov pod Radhostem

HORNÝ BEČVA
DOLNÍ BEČVA

DOLNÍ PASEKY

River BEČVA

Stadium

to VALASKÉ MEZIRICI ~
13 km.

1 1/2 km. ROZNOV

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